WHAT IS CLAIMED IS:

1. An integrated database system, comprising:

a plurality of database systems connected to one another by a network, each of said plurality of database systems managing its own stored data independently of the other database systems and accessing the stored data in accordance with an access request; and

an integrated database unit connected to the network, wherein:

said integrated database unit includes:

a directory database which stores, as to each of the data stored in said plurality of database systems, a correspondence with directory information and a database system in which the data concerned is stored;

a directory control unit which acquires, by using said directory database, directory information corresponding to target data of the accepted access request;

a database identifying unit which identifies, by using said directory database, the database system corresponding to target data of the accepted access request; and

a database control unit which issues, on the basis of the acquired directory information, an access request to the database system having the target data of the accepted

access request, wherein:

the database system includes a database server unit which accesses a database in accordance with the access request issued by said integrated database unit.

2. An integrated database system according to claim 1, wherein:

said directory database stores correspondences between each of the data stored in said plurality of database systems and the database system in which each of the data is stored, a local data name of each of the data, and a global data name which is an unique identifier in all of said plurality of database systems;

said directory control unit receives an access request which specifies a global data name of target data of the access request, and identifies a database system and a local data name corresponding to the received global data name; and

said database control unit issues the identified database system with an access request which specifies the identified local data name, and accesses the target data of the access request.

3. An integrated database system according to claim 2, wherein:

said database server unit of each of said plurality

of database systems manages the data by using local data names which are unique identifiers in the database system in which said database server unit is included, and receives from said integrated database unit a request to access the data managed by the database server unit, in accordance with a specified local data name.

4. An integrated database system according to claim 1, wherein said integrated database unit serves as at least one of said plurality of database systems.

5. An integrated database unit which integrates a plurality of database systems connected to one another by a network, each of said plurality of database systems managing its own stored data independently of the other database systems and accessing the stored data in accordance with an access request, said integrated database unit being connected to the network, comprising:

a directory database which stores, as to each of the data stored in said plurality of database systems, a correspondence with directory information of the data and a database system in which the data concerned is stored;

a directory control unit which acquires, by using said directory database, directory information corresponding to target data of the accepted access request;

a database identifying unit which identifies, by using said directory data base, the database system corresponding to target data of the accepted access request; and

a database control unit which issues, on the basis of the acquired directory information, an access request to the database system having the target data of the accepted access request.

6. An integrated database unit according to claim 5, wherein:

said directory database stores correspondences between each of the data stored in the plural database systems and the database system in which each of the data is stored, a local data name of each of the data, and a global data name which is an unique identifier in all of said plurality of database systems;

said directory control unit receives an access request which specifies a global data name of target data of the access request, and identifies a database system and a local data name corresponding to the received global data name; and

said database control unit issues the identified database system with an access request which specifies the identified local data name, and accesses the target data of the access request.

7. A database access method for an integrated database system which includes a plurality of database systems connected to one another by a network, each of said plurality of database systems managing its own stored data independently of the other database systems and accessing the stored data in accordance with an access request, said database access method which accesses the data stored in said plurality of database systems, comprising the steps of:

in an integrated database unit which is connected to the network and includes a directory database which stores, as to each of the data stored in said plurality of database systems, a correspondence with directory information of the data and a database system in which the data concerned is stored,

acquiring, by using the directory database, directory information corresponding to target data of an accepted access request;

identifying, by using the directory database, the database system corresponding to target data of an accepted access request;

issuing, on the basis of the acquired directory information, an access request to the database system having the target data of the accepted access request; and

accessing a database in the database system in accordance with the access request issued by said

integrated database unit.

8. A database access method according to claim 7, further comprising the steps of:

in said integrated database unit in which said directory database stores correspondences between each of the data stored in the plural database systems and the database system in which each of the data is stored, a local data name of each of the data, and a global data name which is an unique identifier in all of said plurality of database systems,

receiving an access request which specifies a global data name of target data of the access request;

identifying a database system and a local data name corresponding to the received global data name; and

issuing the identified database system with an access request which specifies the identified local data name, and accessing the target data of the access request.

9. A database access method according to claim 8, wherein each of the database systems receives from said integrated database unit a request to access data managed by a database server unit, in accordance with a specified one of local data names which are managed by and are unique identifiers in the database system in which said database server unit is included.

10. A program product which causes a computer to execute access to data stored in a plurality of database systems, the computer constituting: the plurality of database systems connected to one another through a network, each of the plurality of database systems managing its own stored data independently of the other database systems and accessing the stored data in accordance with an access request; and an integrated database unit connected to the network, wherein:

said program product comprising:

a code which causes an integrated database unit connected to the network and including a directory database to acquire, by using said directory database, directory information corresponding to target data of an accepted access request, said directory database storing, as to each of the data stored in said plurality of database systems, a correspondence with the directory information of the data and a database system in which the data concerned is stored;

a code which causes said integrated database unit to identify, by using said directory database, a database system corresponding to target data of an accepted access request;

a code which causes said integrated database unit to issue, on the basis of the acquired directory information, an access request to said database system having the target

data of the accepted access request; and

a code which causes said database system to access a database in accordance with the access request issued by said integrated database unit.

11. A program product according to claim 10, further comprising:

a code which causes said integrated database unit to store, in said directory database, correspondences between each of the data stored in said plurality of database systems and the database system in which each of the data is stored, a local data name of each of the data, and a global data name which is an unique identifier in all of said plurality of database systems,

a code which causes said integrated database unit to receive an access request which specifies a global data name of target data of the access request;

a code which causes said integrated database unit to identify a database system and a local data name corresponding to the received global data name; and

a code which causes said integrated database unit to issue the identified database system with an access request which specifies the identified local data name, and accessing the target data of the access request.

12. A program product according to claim 11, further

comprising:

a code which causes each of said plurality of database systems to receive from said integrated database unit a request to access data managed by a database server unit, in accordance with a specified one of local data names which are managed by and are unique identifiers in the database system in which the database server unit is included.

13. A program product according to claim 10, wherein the computer which constitutes said database systems and said integrated database unit has a readable storage medium in which said codes are held.

14. A program product according to claim 10, wherein said codes are stored through the network into the computer which constitutes said database systems and said integrated database unit.

15. A storage medium which stores a program which causes a computer to execute access to data stored in a plurality of database systems, said computer constituting: said plurality of database systems connected to one another through a network, each of said plurality of database systems managing its own stored data independently of the other database systems and accessing the stored data in

accordance with an access request; and an integrated database unit connected to the network, wherein:

said program comprising:

a code which causes an integrated database unit connected to the network and including a directory database to acquire, by using the directory database, directory information corresponding to target data of an accepted access request, said directory database storing, as to each of the data stored in said plurality of database systems, a correspondence with the directory information of the data and a database system in which the data concerned is stored;

a code which causes said integrated database unit to identify, by using said directory database, a database system corresponding to target data of an accepted access request;

a code which causes said integrated database unit to issue, on the basis of the acquired directory information, an access request to the database system having the target data of the accepted access request; and

a code which causes the database system to access a database in accordance with the access request issued by said integrated database unit.